



Meridian

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K03415R **Lot #:** 8H23203

Description: Rabbit anti T7 peptide
Rabbit Antibody to T7 (MASMTGGQQMG) peptide

Specificity: Analyzed using ELISA and Western blot analysis.

Host Animal: Rabbit

Immunogen: MASMTGGQQMG (T7 epitope) conjugated to KLH.

Format: Affinity Purified, Liquid

Purification: Immunoaffinity purified using the peptide conjugated to a solid phase

Concentration: 1mg/ml (OD280nm, E^{0.1%} = 1.4)

Buffer: PBS, pH 7.2

Preservative: 0.1% Sodium azide

Applications: ELISA: The anti T7 diluted 1:35,000 gave an O.D. = 1.0 in a 15 minute reaction against peptide conjugated with a different carrier than used for anti peptide purification. HRP conjugated Donkey anti Rabbit IgG was used and TMB was the substrate.
Western blot: Suggested dilution range of 1:1,000 – 1:5,000
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References: The reference listed below is for research purposes only.
Lansbery, K.L., et al., (2006), "Cytoplasmic targeting signals mediate delivery of phospholemman to the plasma membrane", Am. J. Physiol. Cell Physiol., **290**:C1275-C1286

Signature

26 September 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY